

EHC Electric Combination Radiators



Installation and Technical Manual



THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE. BE SURE TO OBSERVE ALL LABELS AND WARNINGS ON THE APPLIANCE.



CONTENTS

1. <i>Safety information</i>	2
2. <i>General information</i>	4
3. <i>Installation</i>	5
4. <i>Operating instructions</i>	10
5. <i>Operating safety</i>	10
6. <i>Technical data</i>	13

1. Safety Information

Electrical Connections

IMPORTANT

The wires in the mains leads are coloured in accordance with the following code:

GREEN & YELLOW: EARTH

BLUE: NEUTRAL

BROWN: LIVE



WARNING – THIS APPLIANCE MUST BE EARTHED

The installation of this appliance should be carried out by a competent electrician in accordance with I.E.E. Regulations for Electrical Equipment.

The radiator is fitted with a standard UK 3 pin plug that can be directly connected to an electrical socket. **Care must be taken when connecting radiators in this way not to overload the ring main circuit. If you are unsure contact a qualified electrician.**

Alternatively the mains cable can be cut to length and connected to a suitable fused 20 amp double-pole switched spur adjacent to the radiator. Please ensure that the electricity supply is disconnected prior to using this installation method.

Each supply circuit to the radiator must incorporate a Fused 20 Amp double pole switched spur having a contact separation of at least 3mm.

1. Safety Information (cont.)

Handling



This radiator is very heavy. Take adequate precautions when lifting and manoeuvring it. Always assess the load, and seek assistance with heavy or awkward loads that are beyond your capabilities.

Positioning



This radiator is very heavy. Please refer to Technical Data information contained within this document. In order to maintain stability and to ensure its future safety in use, it is essential that the radiator is **FIXED SOUNDLY TO A WALL** and that the brackets are mounted on a **FIRM, LEVEL SURFACE**. Castors or Feet can be purchased as an accessory. Care should be taken to avoid irregular surfaces.

It is important that the following instructions are strictly followed.

Keep the following minimum safety distances to avoid fire risk due to high surface temperatures of the appliance during heating cycles:



<i>Lateral heating walls – masonry</i>	<i>50 mm</i>
<i>Lateral heating walls – combustible matter</i>	<i>100 mm</i>
<i>Heating walls above floor</i>	<i>80 mm</i>
<i>Cover plate – combustible covering installed on top of it</i>	<i>150 mm</i>
<i>Cover plate – non-combustible covering installed on top of it ...</i>	<i>100 mm</i>

Please note that our IPX4 rated models should be used in bathrooms.

Portable radiators must not be fitted in bathrooms or wet areas.

CAUTION – This radiator must not be located below or in front of a fixed socket outlet.

DO NOT POSITION under windows where curtains may contact the radiator.

DO NOT PLACE THE APPLIANCE in the vicinity of a swimming pool.

Installation



It is important that the fixing device chosen is appropriate to the wall material to which the radiator is being fixed. Some modern internal building materials are very low density block and require specialised fixing devices to provide a safe, secure installation. (see section 3, page 6)

Ongoing safety



CAUTION – If during any reassembly of the radiator, a part of the thermal insulation shows damage or deterioration which may impair safety, it should be replaced with an identical part.

CAUTION – In order to avoid overheating, do not cover the radiator.

DO NOT COVER OR OBSTRUCT the surfaces of the appliance.

DO NOT PLACE OBJECTS in contact with the radiator.

2. General Information

EHC Combination Electric radiators have been designed using the latest technology to create an elegant solution for all hard to heat situations. They can be installed in almost any location apart from the safety restrictions noted in this manual.

The range has been developed to provide a flexible solution for electric heating in Domestic properties, Conservatories, Holiday homes, Offices and any other temporary heating situation.

Our unique patented 'Magmatic' heating tablets provide the heat source for your new radiator. Whilst the radiator is classed as a 100% efficient Direct Acting appliance, the heating tablets provide partial storage to prolong your heating comfort and to reduce running costs. The radiator has a robust body which incorporates a spot welded high fin surface area to ensure that there are no contraction noises during the heating cycle. The high fin design boasts 6 times the normal radiator surface area to provide a balance of Convection and Radiant heat for your added comfort.

The radiators can be simply plugged in to a Standard socket or Hard wired to an existing spur connection. The range has the flexibility of being Wall mounted or free standing on Castors or Feet.

For added versatility we can supply Conservatory radiators which are also ideal for use below windows with low sills.

All our standard model sizes are supplied with a TEI 1 manual room thermostat. For a fully controllable central heating system, the radiators can be installed with our EHC Control Box, Single Channel Programmer and Room Thermostat to comply with the latest Building Regulations.

In addition to the above we also supply Radio Frequency controlled radiators which provide all the benefits of the standard version however the control wiring is eliminated. These models can be controlled by our TEI 6 and TEI 8 Programmers.

Also available is our TDI range of Electric Radiators. Simply plug in the radiator to a standard 13amp socket and control by TIME & TEMPERATURE using the TDI control located within the side of the radiator.

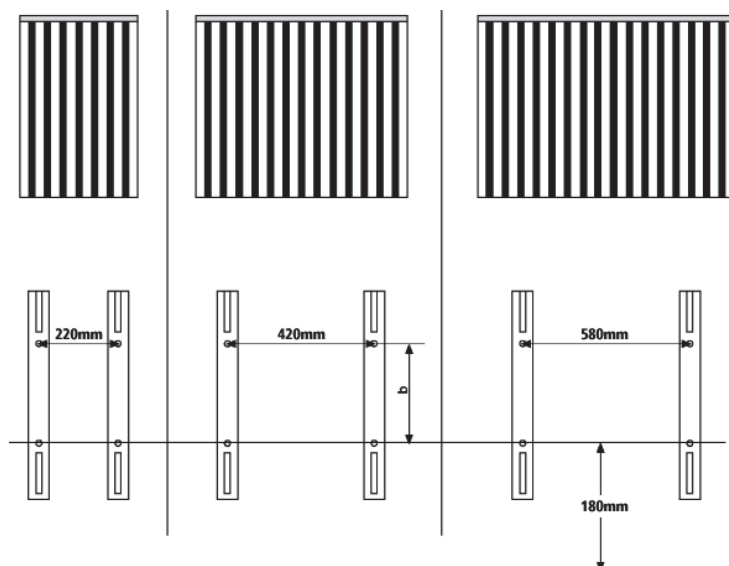
All EHC radiators are manufactured to the highest safety and quality Standards. Each radiator is CE Marked and carries all the necessary European Approvals. Each radiator is fully checked and tested prior to leaving the factory and as such is packed with full Quality certification.

We hope you enjoy the comfort provided by this superior product and we look forward to being of assistance to you in the future.

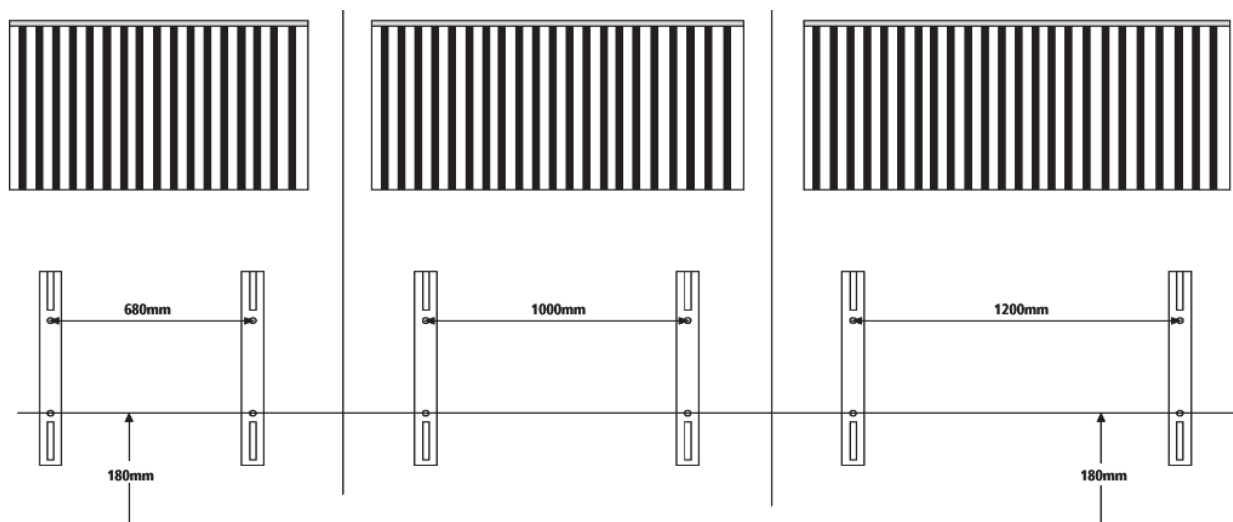
3. Installation

Preparation

1. Before beginning, remove the radiator and parts from the box and check everything is present and correct. In addition to the radiator body, there should be a top grille, a pair of mounting brackets, four suspension hooks, a set of mounting screws/ plugs and an instruction manual.
2. Check page 3 of this manual to find the minimum clearances for your chosen location. Mark the bracket positions on the wall according to the following diagrams:



Rad. Length (mm)	Bracket separation (mm)
380	220
680	420
850	580
980	680
1280	1000
1580	1200



Note: The height of the bracket to the floor is the same height as the bottom of the radiator to the floor.

3. Installation (cont.)

Wall fixture and fittings

3. Drill, plug, and secure the brackets to the wall. Appropriate fixtures must be used depending on the wall material:

Solid brick/High density block walls

These must be drilled and plugged with the Rawlplug No. 10 size fibre inserts provided. The correct size of drill (5.5mm) should be used and the hole should be drilled to a depth of 8mm greater than the length of the Rawlplug so that the fixing is made below the plaster layer.

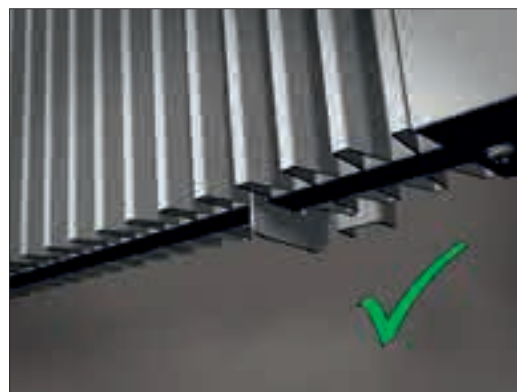
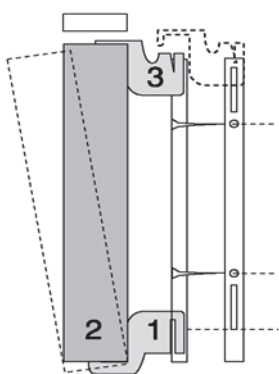
Low density block walls

A special fixing, such as Unifix LB70 should be employed, following closely the manufacturers instructions.

Panelled internal walls

It is preferable to locate the studding and use the No.10 size woodscrews provided. Where it is not possible to locate the studding use Hollow wall anchors and securely fasten the brackets to the plasterboard when this method is used we recommend that radiator feet are used to take the full weight of the radiator. For other wall materials the wall panel manufacturer should be consulted for details of suitable wall fixing devices. Note: Radiators will be set to an approximate height of 185mm from the floor when support feet are used.

4. Fit the two small suspension hooks into the bottom slots in the brackets, and hang the bottom of the radiator on them. Make sure the radiator is sitting right back on the hooks and not just resting on the fins.



5. Fit the other two large suspension hooks in the top slots of the brackets, and lift them up. Push the radiator back against the wall and drop the suspension hooks back down to lock it in position.
6. The top grille of the radiator can then be fitted and secured with the securing screws at each end.



3. Installation (cont.)

7. At the bottom of the radiator, next to the mains connection there is a small temperature sensor. Loosen the gland and pull the sensor down by 50 - 70 millimetres, then re-tighten the gland. This enables the radiator to gauge the room's temperature more accurately.



Electrical connection

8. All EHC radiators come with a standard UK 3 pin plug that can be directly connected to an electrical socket.

Alternatively the mains cable can be cut to length and connected to a suitable Fused **20 Amp double-pole** switched spur adjacent to the radiator. Please ensure that the electricity supply is disconnected prior to using this installation method. The mains plug should be discarded safely and not re-used.



CAUTION – Consideration must be made when connecting a multiple radiator system in this way as there is a limit to the ring mains supply within a property. If unsure please consult a qualified electrician.

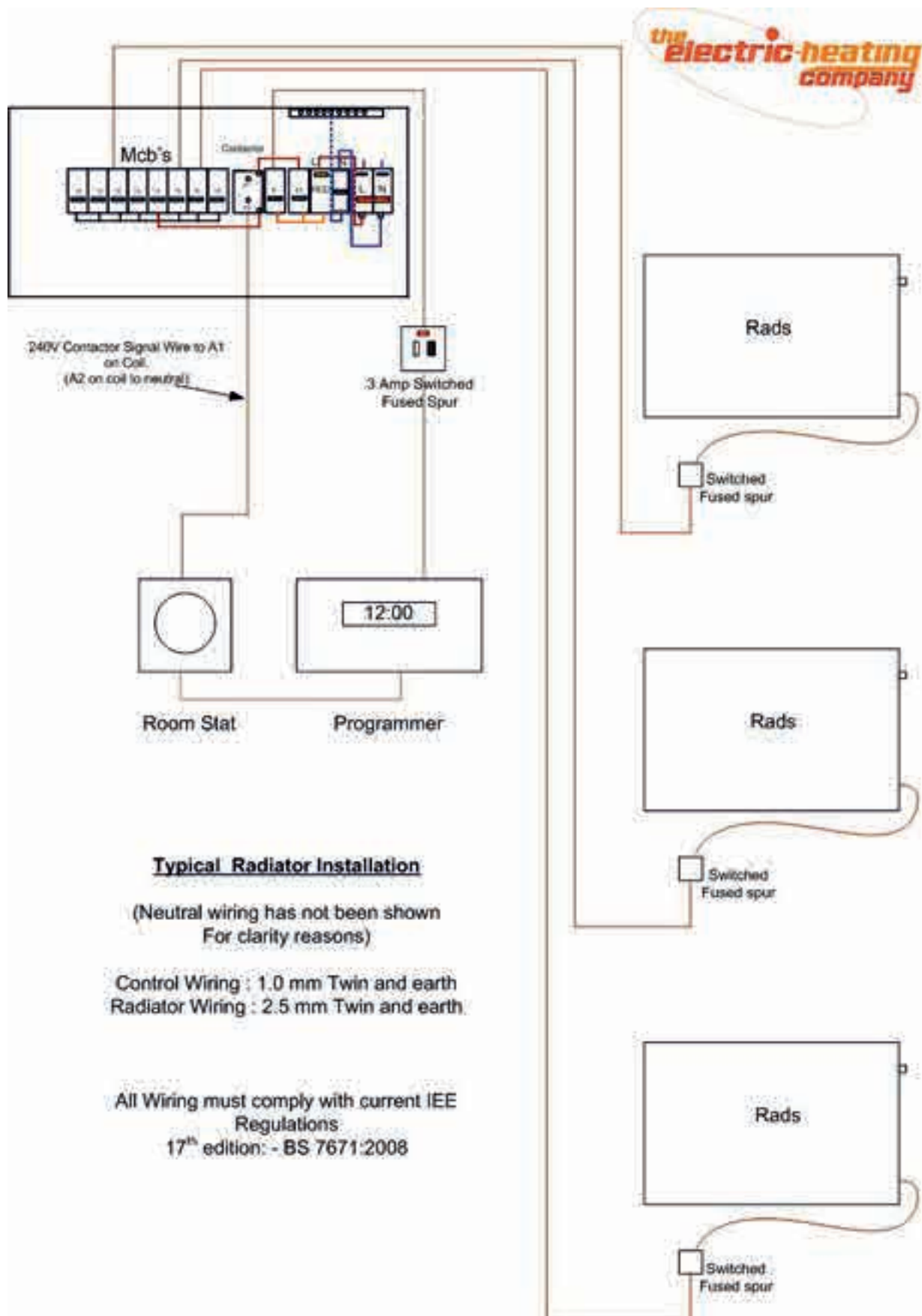
Control cabling – wired versions

9. **TEI1 installations** – All standard radiators come complete with a TEI1 thermostat for room temperature control. For single radiator installations please follow the instructions outlined in section 8.
10. **EHC CONTROL BOX installations** – For central control of a number of radiators, connect the radiators to an EHC Control box as follows. See the schematic on the following page as a guide.
 - a. Install new radiators as per installation instructions
 - b. Cut the mains cable to length and connect to a suitable Fused **20 Amp double pole** switched **spur** adjacent to the radiator
 - c. Connect the Control Box to the incoming mains supply.
 - d. Connect all radiator mains cables to the Control Box using the pre-connected 16 Amp MCBs.
 - e. Locate the Single Channel Programmer in a suitable area and protect via a 3 Amp fused switched spur. Connect to the Control Box using the 6 Amp MCB.
 - f. Locate the Room Thermostat in a suitable area and connect to the Programmer and Control Box Contactor A1 connection.
 - g. Reconnect the mains supply and test.



CAUTION - After completion of works all electrical connections should be tested for tightness. Additionally an electrical safety check should be carried out ie: short circuit, earth continuity, resistance to earth and polarity check and all the relevant test certificates produced.

3. Installation (cont.)



3. Installation (cont.)

Control cabling – RF models

All Radio Frequency radiators come complete with a pre-wired TEI-5 Receiver which is controlled by either the TEI-6 or TEI-7 RF Programmers.

11. TEI-6 installations

- a Follow the instructions outlined in section 8 for single radiator installations.
- b Locate the TEI-6 programmer on a suitable wall in the same room as the radiator.
- c Configure the TEI6 programmer and TEI-5 receiver located on the radiator according to the instructions included in the TEI-6 packaging.
- d Set the required program times and temperatures.

12. TEI-8 installations

- a Follow the instructions outlined in section 8 for single radiator installations.
- b Locate the TEI-8 digital room thermostat on a suitable wall in the same room as the radiator.
- c Configure the TEI-8 digital room thermostat and TEI-5 receiver located on the radiator according to the instructions included in the TEI-8 packaging.
- d Set the required temperature by adjusting the +/- buttons.

13. TDI Installations

- a Follow the instructions outlined in section 8 for single radiator installations
- b Configure the TDI Digital Control Display according to the instructions included with the radiator setting the required time and temperature.



CAUTION - After completion of works all electrical connections should be tested for tightness. Additionally an electrical safety check should be carried out ie: short circuit, earth continuity, resistance to earth and polarity check and all the relevant test certificates produced.

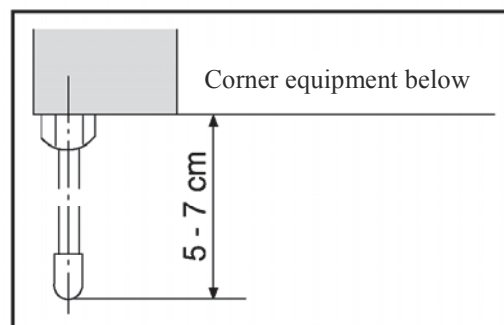
Installing castors and feet

- 14.** All radiators are supplied with wall mounting brackets, however with the exception of the Towel Rail they can also be mounted on feet or castors. Consult the leaflet which comes with them for fixing instructions. If not fixed to a wall, the official feet or castors must be used.

4. Operating instructions

TEI-1 OPERATING INSTRUCTIONS

Each radiator has a temperature sensor installed on the underside of the radiator. This is designed to accurately determine the room temperature – note that this should protrude 50 to 70 mm from the locating screw.



The TEI-1 is operated by turning the control knob. The temperature can be regulated from approx. 10°C to 30°C, including a frost protection setting of approx. 5°C.

setting *:	approx. 5°C (frost protection)
setting between * and 1:	approx. 10°C
setting 4:	approx. 20°C
setting 6:	approx. 30°C

The red indicator above the control knob indicate the heating status:

LED lit:	heating on or the set temperature has not been reached.
LED not lit:	heating off or the set temperature has been achieved.

CAUTION - Forced turning beyond the end settings of the control knob will cause damage to the thermostat components and as such will invalidate the warranty.

5. Operating safety

This appliance complies with the European Standards EN 60 335-1, EN 60 335-2-61, EN 61000-3-2, EN 61000-3-3, EN 55014 and EN55104 for Safety & Electromagnetic Compatibility. These standards cover the requirement of the EMC Directives 89/336 & 73/23

RADIATOR POSITIONING - A minimum clearance of 150mm to the front of the radiator is essential for safety, however to enable the radiator to attain its maximum performance ensure that any furniture or other obstruction is not placed closer than 250mm.

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE

IMPORTANT SAFETY INFORMATION

CAUTION - THE SURFACE OF THIS RADIATOR CAN BE HOT.

The surface temperatures of this radiator are within the requirements of EN60-335 the European Standard covering the safety requirements of electric heating appliances, and momentary contact with any part of the radiator should not cause injury. However, in order to be effective, radiators of any type do get hot, especially around the air outlet grille.

5. Operating safety (cont.)

Therefore, if aged or infirm persons, or young children, are likely to be left unsupervised in the vicinity of a radiator precautions should be taken to ensure that prolonged contact with the radiator cannot occur. We recommend that a guard is fitted around the radiator, as is normal with some types of heating appliances in similar circumstances.

CAUTION - IN ORDER TO AVOID OVERHEATING, DO NOT COVER THE SURFACES OF THE RADIATOR AND DO NOT OBSTRUCT AIR OUTLET GRILLES. Surfaces of the radiator should not be covered or obstructed as this can cause excessive temperatures that can be hazardous and may cause safety cut-outs to operate. For example, do not put clothes, fabrics or any combustible materials on the radiator or allow curtains to come within 75mm (3") of the top and ends of the radiator. Do not allow furniture to be pushed up against the radiator. A minimum clearance of 150mm is critical for safety, however to ensure radiator performance is not affected a clearance of 250mm is recommended.

DO NOT PLACE OBJECTS IN CONTACT WITH THE RADIATOR

CAUTION – The radiator must not be located below or in front of a socket outlet.

PLEASE NOTE: THIS RADIATOR IS HEAVY AND MUST BE SECURELY FIXED TO A SOUND WALL. No attempt should be made to move the radiator without first seeking specialist advice. If you are not happy that the radiator has been securely fixed, please inform your installer.

UNDER NO CIRCUMSTANCES SHOULD YOU ATTEMPT TO MOVE THE RADIATOR OR LOOSEN WALL FIXINGS WITHOUT TAKING THE NECESSARY ADVICE.

DO NOT SIT OR STAND ON THE RADIATOR.

DO NOT SPILL LIQUIDS ONTO THE APPLIANCE. IF YOU DO, SWITCH THE RADIATOR OFF AND GET A QUALIFIED ELECTRICIAN TO CHECK IT.

DO NOT POKE OBJECTS THROUGH THE GRILLE.

DO NOT PLACE OBJECTS IN THE SPACE BEHIND THE RADIATOR.

DO NOT USE POLISHES ON THE RADIATOR OR ON FURNITURE NEAR TO IT. The hot interior of the radiator can produce paraffin smells from polish vapours which may last for a number of hours.

In case of breakdown or other failure, switch off the radiator at both wall switches and contact your supplier or the EHC Help Desk on 01698 820533.

Always ensure that the radiator is switched off at the wall and fuse is removed before any repair is carried out.

IMPORTANT - Due to the newness of the materials the radiator will produce a slight smell for the first few days of operation.

ROOMS MUST BE WELL VENTILATED AND YOUNG CHILDREN, CAGED BIRDS OR PERSONS WITH RESPIRATORY COMPLAINTS MUST NOT REMAIN IN CLOSE PROXIMITY TO THE RADIATOR DURING THE FIRST 48 HOURS OF THE COMMISSIONING PERIOD. Running the radiator at maximum temperature for the first few days will help to disperse any smells more quickly.

Please note that at high setting the room temperature will be warmer with a corresponding increase in running costs.

5. Operating safety (cont.)

Safety - Overheat Protection

For your safety, this appliance is fitted with thermal cut-outs. In the event that the product overheats, the cut-outs switch the radiator off automatically. In the event of these safety cut-outs activating please inform the installer or the EHC Help Desk.

Cleaning

To maintain the external appearance of the radiator it need only be wiped over occasionally with a dry duster. During the summer months, or at other times when the appliance is not in use and is completely cold, the opportunity should be taken to wipe over with a damp cloth.

Do not use abrasive cleaning powders or furniture polish.

Discoloration of wall finishes can sometimes occur immediately above a radiator due to the properties of some paints and decorating materials or the presence of environmental impurities in the air (such as soot or incense generated from the burning of candles etc.).

After Sales Service

Your EHC Combination Electric radiator is guaranteed for two years for the electronics and fifteen years for the radiator body from the date of purchase. We undertake to exchange or repair free of charge within this period any part found to be defective due to a manufacturing fault. This guarantee in no way prejudices your rights under common law.

Should you require after sales assistance, please contact the EHC Help Desk on 01698 820533.

Conditions of Guarantee EHC Electric Radiators

We are pleased to offer a 15 year guarantee on your recent purchase of EHC Electric Radiators. The 15 year guarantee applies to the heating elements and body of the radiator. A 2 year guarantee is applicable to the electronics.

The period of guarantee commences with the day of delivery. If within the guarantee period the radiator is defective due to faulty components we undertake to repair the radiator free of charge.

The guarantee shall not apply to damages caused by natural wear and tear, intentional misuse, non-observance of the operational instructions, connection to incorrect supply voltage, damages caused by corrosion or rust or use of aggressive cleaning agents.

The purchaser shall not be entitled to any rights and/or remedies under this guarantee if the radiator has been repaired, or attempted to be repaired, without written authorisation from us or if a part or parts not supplied by us have been used in a repair.

Any claims for compensation of damages beyond the scope of this guarantee are excluded.

The period of guarantee shall not be renewed or extended by repair or substitute radiator.

The guarantee shall not be transferrable without approval.

All guarantee claims must be accompanied by a relevant test certificate which is supplied with every EHC Electric Radiator.

6. Technical Data

Manual

Model No.		Colour	Rating BTUs	Width mm	Height mm	Depth mm	Weight kg
EH500.38.63	500W EHC ELECTRIC RADIATOR	White	1706	380	630	70	22
EH800.38.63	800W EHC ELECTRIC RADIATOR	White	2730	380	630	70	22
EH1000.68.63	1000W EHC ELECTRIC RADIATOR	White	3412	680	630	70	36
EH1500.98.63	1500W EHC ELECTRIC RADIATOR	White	5118	980	630	70	50
EH2000.128.63	2000W EHC ELECTRIC RADIATOR	White	6824	1280	630	70	62
EH2400.128.63	2400W EHC ELECTRIC RADIATOR	White	8189	1280	630	70	62

Radio Frequency

Model No.		Colour	Rating BTUs	Width mm	Height mm	Depth mm	Weight kg
EH500.38.63RF	500W EHC ELECTRIC RADIATOR RF	White	1706	380	630	70	22
EH800.38.63RF	800W EHC ELECTRIC RADIATOR RF	White	2730	380	630	70	22
EH1000.68.63RF	1000W EHC ELECTRIC RADIATOR RF	White	3412	680	630	70	36
EH1500.98.63RF	1500W EHC ELECTRIC RADIATOR RF	White	5118	980	630	70	50
EH2000.128.63RF	2000W EHC ELECTRIC RADIATOR RF	White	6824	1280	630	70	62
EH2400.128.63RF	2400W EHC ELECTRIC RADIATOR RF	White	8189	1280	630	70	62

Conservatory radiators

Model No.		Colour	Rating BTUs	Width mm	Height mm	Depth mm	Weight kg
EH500.68.34	500W EHC ELECTRIC CONSERVATORY RAD	White	1706	680	340	70	21
EH1000.85.34	1000W EHC ELECTRIC CONSERVATORY RAD	White	3412	850	340	70	24.5
EH1600.128.34	1600W EHC ELECTRIC CONSERVATORY RAD	White	5459	1280	340	70	34.5
EH2000.158.34	2000W EHC ELECTRIC CONSERVATORY RAD	White	6824	1580	340	70	38

Tall radiators

Model No.		Colour	Rating BTUs	Width mm	Height mm	Depth mm	Weight kg
EH1200.38.124	1200W EHC ELECTRIC RADIATOR	White	4094	380	1240	70	35
EH1800.55.124	1800W EHC ELECTRIC RADIATOR	White	6142	550	1240	70	58

Towel rail

Model No.		Colour	Rating BTUs	Width mm	Height mm	Depth mm	Weight kg
2003.06WE	1200W EHC ELECTRIC TOWEL RADIATOR	White	4094	640	1020	140	33

Bathroom radiators (IPX4)

Model No.		Colour	Rating BTUs	Width mm	Height mm	Depth mm	Weight kg
EH600.38.63IPX4	600W EHC ELECTRIC BATHROOM RADIATOR	White	2047	380	630	70	22
EH1000.68.63IPX4	1000W EHC ELECTRIC BATHROOM RADIATOR	White	3412	680	630	70	36

Low surface temperature heaters (max 43°C surface temperature)

Model No.		Colour	Rating BTUs	Width mm	Height mm	Depth mm	Weight kg
EH750.68.63	750W EHC ELECTRIC BATHROOM RADIATOR	White	2047	380	630	70	22
EH750.68.63IPX4	750W EHC ELECTRIC BATHROOM RADIATOR	White	3412	680	630	70	36
EH1100.98.63	1100W EHC ELECTRIC BATHROOM RADIATOR	White	3412	680	630	70	36
EH1500.128.63	1500W EHC ELECTRIC BATHROOM RADIATOR	White	3412	680	630	70	36

When using LST radiators, Additional heating allowances must be made to heat loss calculations due to the lower running temperature of this radiator type.

Accessories and controls


Model No.	
CAST/1	RADIATOR CASTORS
FEET/1	RADIATOR FEET
RADSUPP	RADIATOR FEET SUPPORTS
S/PACK/1	SINGLE CHANNEL HEATPACK
TPod	7 DAY DIGITAL PROGRAMMABLE THERMOSTAT
TBasic	R/F THERMOSTAT
TCentral	TCENTRAL CONTROLLER

Model No.	
E10SS	SUPREME SAVER HOT WATER CONTROLLER
EHC 6 Way	6 WAY CONTROL BOX
EHC 10 Way	10 WAY CONTROL BOX

The above Model Nos. are for EHC Standard Radiators with TEI 1 control. Following details should be prefixed to the Manual Model Number when ordering a different type of control:
TDI DTE I RF




7. TDI Control Instructions

Setting the Time and Day



- Step 1:** Ensure the radiator is in OFF Mode. The  symbol will be on the top left of the display.
- Step 2:** Push the RHS mode button once to access the Time and Day Setting. The days down the right hand side will flash.
- Step 3:** Press the + or – buttons to set the day (1 is Monday, 2 is Tuesday, etc), then press the OK button to confirm.
- Step 4:** Press the + or – buttons to set the **hour** then press **OK** to confirm.
- Step 5:** Press the + or – buttons to set the **minutes** then press **OK** to confirm.
- Step 6:** Press the LHS On/Off button once to exit the setting mode.



Setting Temperatures and Program

- Sun** – The sun setting is indicated by the sun symbol  and is the setting the user typically uses during the day. The sun setting is normally set between 18 and 20° Celsius.
- Moon** – The moon setting is indicated by the moon symbol  and is the setting the user typically uses during the night or when the property is vacated for a short period of time. The moon setting is normally set between 15° and 17° Celsius.
- Frost** – The frost setting is indicated by the snowflake symbol  and is the setting the user typically uses to have the radiator turn off. The frost setting is normally set at 5° Celsius.

STEP 1 – Setting the Desired Room Temperature (Sun Setting)



Push the On/Off button so that the  symbol disappears and you can see the sun symbol  at the top of the display.

Press + or – button to set the desired temperature.

Press the small information button below the i symbol on the display to see the actual current room temperature.



STEP 2 – Setting the Frost Protection Temperature (Frost setting)


Push the **RHS** mode button so that the sun symbol  disappears and the snowflake symbol  appears.

Press the + or – button to set the frost protection temperature.

This will be the protection temperature that the room will not drop below, even when the radiator is off. Normally 5° or 7° Celsius.



STEP 3 – Setting the Set Back Temperature (Moon Symbol)

Push the mode button so that the frost symbol disappears and the moon symbol appears .

Press the + or – button to set the set-back temperature.

Set-back temperature is a lower temperature that is usually applied when the property is vacated for a short period of time (when people are at work), or during the night time (when people are in bed).

If the set-back temperature is being used then the heater will start to work when the room temperature drops below the chosen setting.



STEP 4 – Auto Mode

Push the mode button so that the moon symbol ☾ disappears and the **auto** symbol appears.

In this mode the heater will now follow the temperatures that have been selected for specific times of the day. The heater has a default profile already displayed.

Choosing a program:

Step 1 – Push the small button below the **PROG** symbol.

There will be **00:00 hrs** in the middle of the screen, a **block** flashing on the left hand side and a **triangle** pointing to the number 1 (top right hand side of the screen).

The heater is asking what the temperature / time selection should be chosen from midnight on Monday.

Across the bottom of the screen there are **Sun** ☀, **Moon** ☾ and **Frost** ❄ symbols.



Step 2 – Choose the temperature setting you would like at midnight on a Monday by pressing the small button under the corresponding symbol.

E.g. most people will use the moon setting while sleeping and or when they are away from home.

The screen will now show **01:00** in the middle of the screen, it is now asking what temperature / time setting you require from **01:00 hrs** onwards on that day.

Step 3 – Continue to choose which temperature / time setting you require be used for each hour of that day. E.g. if you wanted the radiator to turn on at 06:00 hrs you would press the comfort setting ☀ **Sun** when the display is showing 06:00 hrs and so forth.

Step 4 – If you want to copy your temperature / time settings from one day to another, this can simply be done by pressing and holding the small **OK** button on the RHS. You will see the triangle pointer moving to the next day.

Auto Program Overrides

1. Timer mode

A set temperature can be selected for a certain period of time.

Step 1 – In the auto mode press the button below the hour glass once.

Step 2 – Set the desired temperature with the buttons below the + and – symbols, then press the **OK** button to confirm.

Step 3 – Set how long the heater is required to run for with the buttons below the + and – symbols, then press the **OK** button to confirm.

The timer will now countdown the time you have sent. To cancel the timer mode, press the **OK** button.

2. Holiday Mode

You can set the radiator to be off if you are going to absent from the property.

Step 1 – Press the suitcase button to select this mode.

Step 2 – Set the number of days of absence by pressing the + or – buttons, then confirm by pressing **OK**.

While in holiday mode the heaters will keep the room temperature above the frost setting temperature.

To cancel this mode, press on the **OK** button again.



Tel. 01698 820533

Fax. 01698 825697

info@electric-heatingcompany.co.uk

www.electric-heatingcompany.co.uk

**The Electric Heating Company Limited
Block 5 Unit 40 Third Road, Blantyre Industrial Estate,
Blantyre G72 0UP United Kingdom**